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TRAILER FOR CATTLE
... gooseneck type

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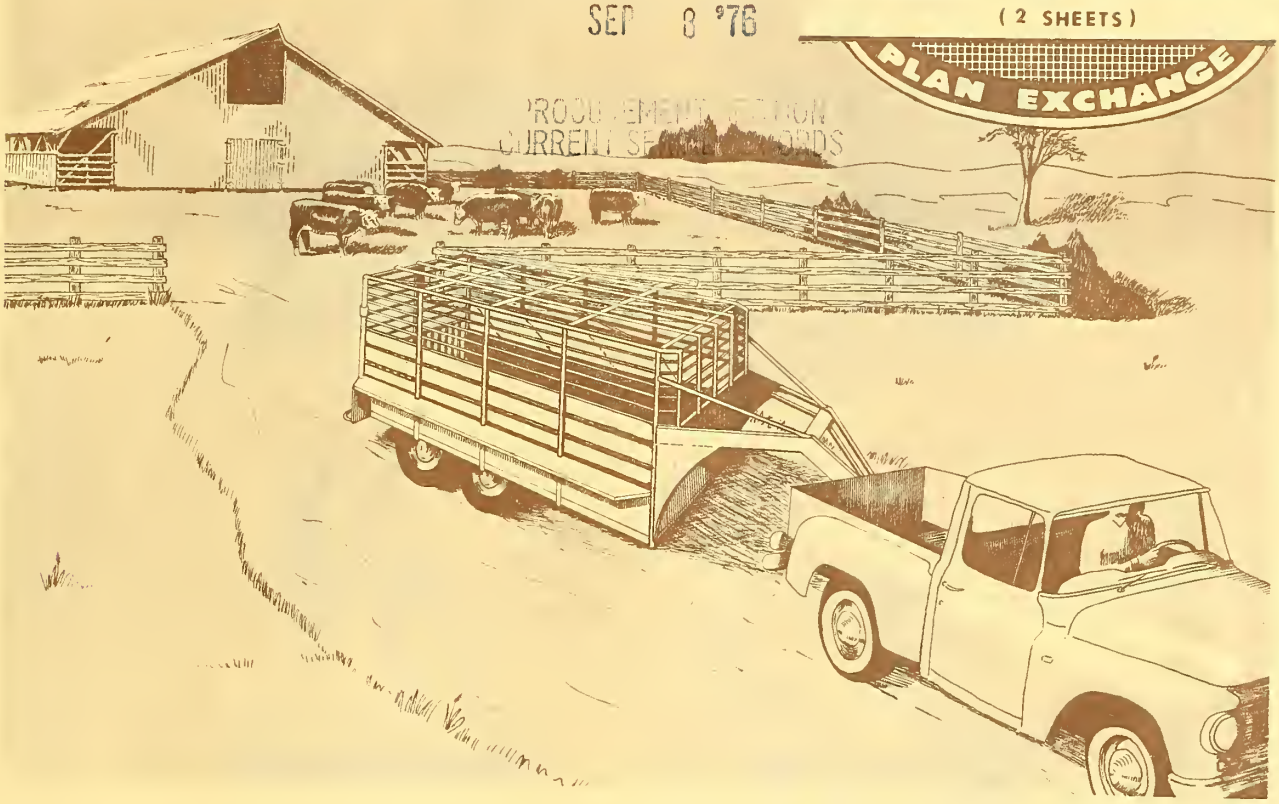
COOPERATIVE FARM BUILDING
Plan No. 6141
(2 SHEETS)
PLAN EXCHANGE



Stockmen are always looking for a fast and easy method of loading and transporting farm animals. These two needs were in mind when the engineers at Texas A. & M. University, College Station, designed the trailer shown above.

The gates at the back, opening to the full width of the trailer, allow the animals to be loaded quickly. A fender on each side enables the operator ready access to animals that may need a bit of prodding.

Before constructing the trailer, check your pickup or truck you intend to use. Measure the distance between the outside of the rear bumper, or corner of the bed, to a point over the axle in the center of the bed. Make the distance between the hitch and trailer 2 feet longer than the measurement you have ascertained, so as to clear the pickup or truck when turning.

The body of the trailer is made with steel pipe and 6-inch cold rolled steel rails welded to an angle frame and cross-braced with channels and pipe.

The gooseneck hitch assembly is welded into the frame of the trailer with 1¼-inch diameter steel pipe and gussets cut from ¼-inch steel plates.

Used in tandem, the carriage assembly of your choice may be:

- Straight axle and no springs.
- Straight axle and leaf springs.
- A drop axle, mainly for highway use.

The expected maximum load will approach 7 tons. Therefore, specify each axle and wheel assembly to carry 3½ tons highway and nonhighway use, when ordering from carriage manufacturer. Tires should be 8-ply and matched to axle and use.

This trailer was designed for cattle; if horses are to be hauled frequently, increase the height of the frame 6 inches.

Complete working drawings may be obtained from the extension agricultural engineer at your State university. There may be a small charge to cover cost of printing.

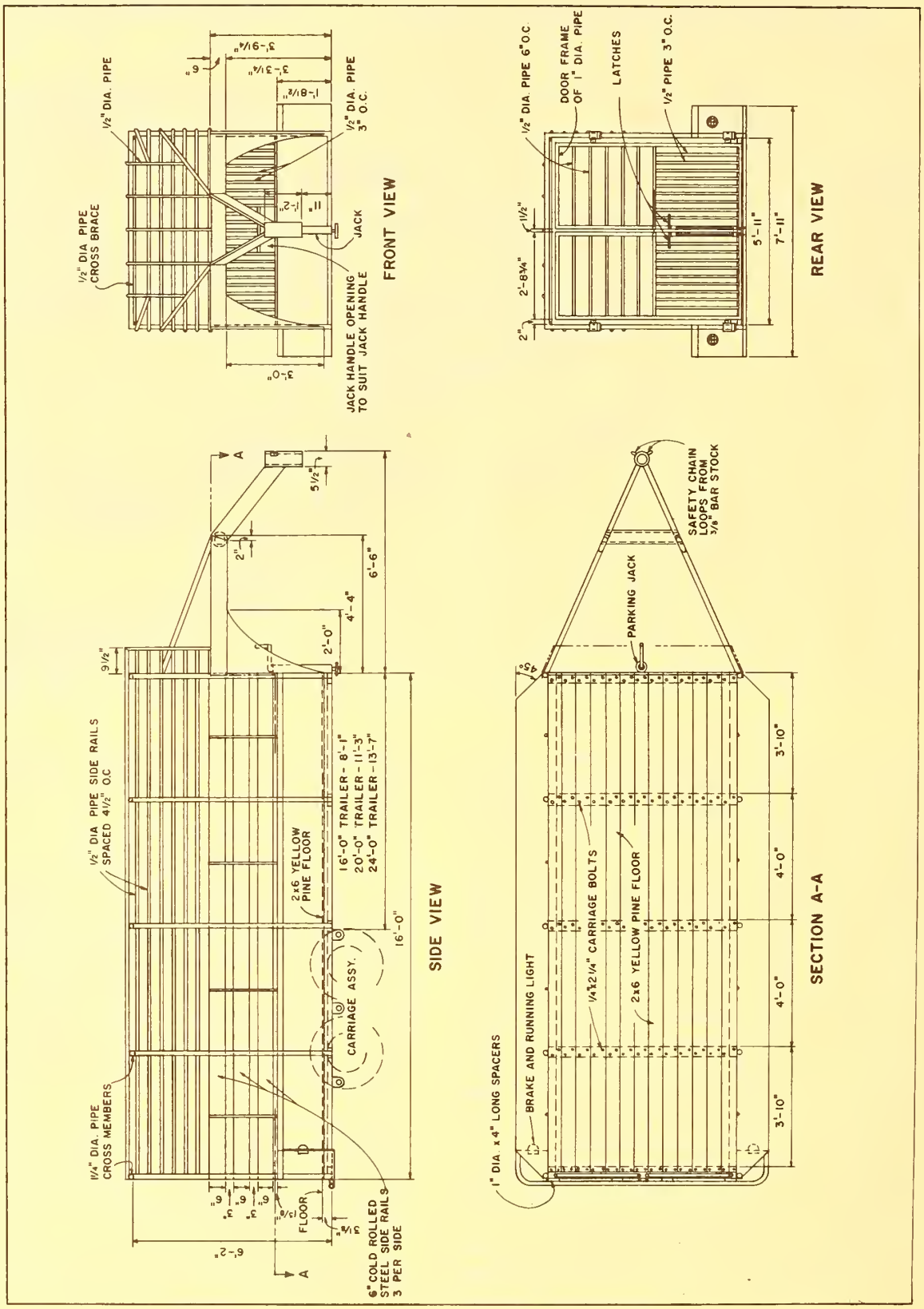
If you do not know the location of your State university, send your request to Agricultural Engineer, Extension Service, U.S. Department of Agriculture, Washington, D.C. 20250. He will forward your request to the correct university.

ORDER PLAN NO. 6141, TRAILER FOR CATTLE, Gooseneck Type.

Washington, D.C. Issued July, 1975

UNITED STATES DEPARTMENT OF AGRICULTURE Miscellaneous Publication No. 1313

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 - Price 25 cents
Stock Number 001-000-03449-9 Catalog Number A1.38:1313



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U.S. GOVERNMENT PRINTING OFFICE : 1975 OL—578-581